THE NEW

FLORIDA SKIP

VOL. 32 NO. 5 THE ALL-FLORIDA AMATEUR RADIO PUBLICATION JANUARY 1990 75 Cents

CONGRESS AGREES: NO FEES FOR AMATEUR LICENSES!

The joint House-Senate Conference Committee, reviewing both versions of the Omnibus Budget Reconciliation Act of 1989, has approved deletion of the amateur license fees from the legislation.

In its report released on November 21st, the Conference Committee stated: "Both the House bill and the Senate bill include fees on licensees in the amateur radio service. The Conference Report strikes all of the fees for amateur radio licensees. The Conferees recognize that amateur licensees do not operate for profit and play an important public safety role in times of disaster or emergency."

In the early morning hours of November 22nd, both Houses of Congress adopted the Conference version of the bill sending it to President Bush for signature.

In the current budgetary environment, avoiding fees altogether is an enormous accomplishment.

ARRL congratulates all who played an active role in writing to their senators and representatives helping in this effort. Look for an upcoming QST article that will detail how amateurs won this important battle.

—From the ARRL Letter, 12/1/89

HURRICANE CREW MEETS

By Layton N. Ruse, W4VBQ
National Hurricane Center Coordinator

On Saturday, November 25th at Denny's Restaurant on Northwest 36th Street a get-together luncheon and meeting was held for amateur radio operators who helped man W4EHW Station at the National Hurricane Center.

Bob Case, NHC forecaster, was guest of honor and obliged us with a very fine talk and slide show about hurricanes, their formation, predictions and results.

Andy Clark, W4IYT acted as master of ceremonies and everyone present was called on for criticism and suggestions. Many good ideas were presented and will be carried out as far as possible.

Hams present were: W4IYT, N4NAR, KA4HAZ, WB4CKY, W4OOH, K4RBR, WS4D, WA4CCP (NHC alt.), W4NKJ, W4SQG and W4VBQ.

Many thanks to all for their indispensable work.

COMING EVENTS
Ft. Myers Hamfest, Jan. 20, 1990
Citrus Co. Hamfest, Jan 20
Pinellas Park Hamfest, Jan 21
Miami Hamboree, Feb. 3 and 4th
Brooksville Hamfest, Feb. 24th
Stuart Free Hamfest, Feb. 24th
Ft. Walton Beach Swapfest Mar. 17 & 18
Orlando Hamcation, Mar. 23, 24 & 25th
West Palm Beach Hamfest, Oct. 13
LARA Eustis Hamfest, Nov. 3rd and 4th.

N3FQR, Gil Downing (R) winner of an ICOM 735 W/PS at the Tampa Suncoast Convention. He accepts his prize from Jim Homan, W4DPH on Nov. 28th at A.E.S. in Clearwater. Len Smith, K4BDP approves of the transfer. (Photo by W8DUW)

HAMS ACROSS THE SEA

By Bob Sherin, W4ASX, Miami

UA6LA urges support for Gorbachev policies, "because we know what the old politics and the Stalin regime mean."

Imagine a 20-meter antenna with a front-to-back ratio of more then 35db and forward gain of 12db. Picture yourself putting up this six-element cubical quad on an 80-foot boom. In the average American city, the obstacles of such an undertaking are likely to be insurmountable, we all know.

Not so in the USSR. Victor Tkachenco, UA6LA, hails from Rostov-on-Don, a city roughly the size of Cleveland, where we caught up with him. His massive quad, which puts out a commanding signal, not only has the blessing of the Soviet government but most of its parts, as well as the rest of his station, are supplied by the government. And he builds his own.

That's foreign to us. Yet with the fresh winds from the East sweeping away material differences, understanding is now key.

Florida Skip: We've just learned that Moscow has approved reversion in the Baltics to the old pre-World War II call signs. Is that another product of perestroika (restructuring)?

UA6LA: Yes, the door is open. Now I'm here with glasnost (openness) and perestroika. Ten years ago I could never have dreamed of this trip. Beautiful, beautiful, beautiful. I stay in long line for ticket. Long line, believe me, one year.

Florida Skip: Are the interests of the typical Soviet and American ham similar?

UA6LA: Yes. D.X., D.X., and once more, D.X. Warm and friendly, relations.

Florida Skip: Is DOSAAF, the Soviet government arm that supports ham radio, a paramilitary organization?

UA6LA: Yes. It's a free organization for young people who need to know what it means to communicate if you go into the Red Army. DOSAAF supports many sports teams, including swimming, fox hunts, etc.

Florida Skip: Can you describe the political struggle going on within the USSR ham community to free itself of DOSAAF control?

UA6LA: You've never been in Russia to really understand. We have not the same situation as in America. DOSAAF supports our hobby with money, paying for each local radio club. It has a lot of

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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266.
(See advertising rates in Hambar Section.)

SILENT KEYS

We are deeply sorry to report the passing of the following Florida amateurs. May the RIP. Kindly advise of any SK's you may hear of. Thanks. Editor

WB4FZY	Paul D. Lascell, 77	Clearwater
WQ4U	Maier Matney, 69	St. Petersburg
WB4YSD	Dorathy Read	Clearwater
WB4AOG	Felix T. Karpinski	Zephyrhills
AA4XI	Charles Beckett	Clearwater
WD4FOB	Frederick A. Acbie	Brooksville
K4ITA	Carl R. Hibshman	Ocala
KB4JBI	Arthur W. Luce, Jr.,	Palm Harbor
WD4NGR	Lou E. Eigher, Jr.,	Bay Pine
WB4PIC	Herman E. Denzin	Floral City
W4PUK	Paul R. Smith	Orlando
K4SMN	E. F. Mattison	Clearwater
W4STC	Robert L. Nowell	Tampa

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We can't afford to send back issues. It cost us about 85¢ to send one copy (copy, postage and handling). So please send your renewals promptly.

—Thanking you in advance,
The Editor

SIXTH EDITION 2 METER REPEATER MAP

We are happy to announce the 6th edition of our famous 2 meter map. Map editor, Bill Tucker, W4FXE did his usual excellent job. The map is 11 by 17 inches printed on easy to read light yellow bond paper with black ink. Each city has its own box containing repeater frequencies. Another list is along the left side making it easy to see which city has what frequency. We are keeping the price down to 25 cents each plus your Self-Addressed Stamped Envelope (SASE) to "2" MAP, P. O. Box 501, Miami Springs, FL 33266.

Dear Andy,

Here's my SKIP renewal with my early best wishes for a good Christmas season and a great New Year.

And here is something else — did you know that our new metal auto plates, with our call sign, bears the letters DMV instead of the county name?

The local meter maid assured me that those letters (DMV) entitles us to FREE PARKING in any municipal, metered parking lot. No more parking meter problems!

73, Jim Tew, WA4ONZ
455 W. Clough Avenue
Lake Helen, FL 32744

Dear Andy:

Don't want to miss an issue of the fabulous **Florida Skip**. I think it's great and I'm not even from Florida. Hi! Hi!

At the moment I'm in the kingdom of Saudi Arabia operating from the station of HZ1AB. Having a great time giving H.Z. to the deserving.

Hope to be in Florida for Christmas this year. Actually, I've already got the ticket to Winterhaven.

Won't make it to the Miami Hamfest in February. Haven't missed it since '78, but due to being in the U.S. Navy and overseas, I'll have to pass this year.

Anyway, here's my $8.00 for another year of **Florida Skip**. Thanks for a great publication.

—73,
Don Trayes, WB4CVH
Navy Jubail
APO New York, New York 09616

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November 23, 1989

MY CHRISTMAS LIST

As I'm writing this on Thanksgiving Day, I'm thankful for my friends in Amateur Radio, and my enemies, because they keep me on the ball. I'm also thankful for the knobs on my rig so that I can change frequency, or turn it off.

My Christmas list would include:

A prayer for all Jammers and Interferers to have control over the knobs and switches on their rigs, and know how to operate them.

I wish that all Forums, Arguments, and Discussions, not involved with amateur related items, would be on a band of frequencies, that I can't receive.

I wish that all amateurs had a book of rules and would read them.

I wish that Santa Claus would truly visit each amateur and leave the presents they deserve.

I wish that Transceivers would be built so that amateurs couldn't operate out of the band, to which they are authorized.

I wish Transceivers were built to automatically shut off whenever anyone started to use obscene language or interfere.

I wish that all Amateurs respected their license as I respect mine.

I wish that we won't lose some of our frequencies and privileges due to amateurs' misdeeds.

Last, but not least, I wish for each of my friends and enemies, a clear frequency for many happy QSO's in the coming year.

— 73, Eric W4TAH

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TRAFFIC HOUNDS — NOVEMBER 1989

By K4ZK, STM South Florida

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MGR	QTC/QNI
QFN	953	15.9	825	13.8	60	N4SS	.86
FMTN	728	24.3	464	15.5	30	W4NFK	.63
FPTN	1,320	44.0	412	13.7	30	WB4WYG	.31
SEFTN	1,049	35.0	220	7.3	30	KD4GR	.21
FAST	566	9.4	201	3.4	60	WD4KBW	.35
FMSN	345	11.5	183	6.1	30	WC4D	.53
SWFTN	764	29.4	172	6.6	26	K4FQU	.22
GN	264	8.8	124	4.1	30	N4ET	.46
FPON	369	12.3	82	2.7	30	WB4GCK	.22
QFNS	190	6.3	75	2.5	30	N4MML	.39
DEN	248	62.0	38	9.5	4	N4SMY	.15
PBTN	328	17.5	36	1.6	22	WA4RUE	.10
SPARC	475	15.8	36	1.2	30	AA4YA	.07
ENMC	92	15.3	23	3.8	6	K4ZK	.25
DEN	337	67.4	17	3.4	5	N4SMY	.05
PRVAN	62	7.8	11	1.4	8	WD4KBW	.17
AIN	75	10.8	9	2.3	4	WA4PFK	.12

Total QTC: 2,928 • Average QTC/QNI: .30

FLORIDA C.W. NETS

By Ed, K4IA

FMSN Reported by O.B., WC4D: Thanksgiving traffic from the Gulf View Mall in Port Richey boosted our November total to 183 compared to 70 for October. With the help of extra liaison volunteers from both FMSN and QFN this influx of traffic was processed expeditiously. Thanks to Nick, N4SS for providing extra region representatives on QFN during this period.

Fred, AA4FG and Laura, WA9VND shared top honors for the most check-ins with 28; followed by Elmer, KA4NXF at 27; and Bill, WB4WYG at 26. Four of our regular NCS's were out of town during Thanksgiving Week, however Cotton, KB9LT; Fred, AA4FG; and Walt, WA4QXT volunteered their services and the problem was solved. Thanks men.

John, KC4FL frequently is the TPTN representative, giving Fred, AA4FG a chance to relax a bit. We need a regular Sunday NCS so I would appreciate hearing from anyone interested in getting some experience at a moderate pace.

FMSN meets daily at 1730 local time on 3651 KHz.

—73,
O.B. WC4D, FMSN Manager

QFN Manager Nick, N4SS Writes: I am excited! When I left on vacation in mid-October QFN performance on an average per session basis was: QNI 12.9, QTC 8.4 and QND 18.5. When I returned things had changed for the better. Averages were 15.9, 13.9 and 23.7, respectively.

The first two days of December have continued to support this new performance with 18.0, 20.5 and 29.0. I'm not sure what brought this change about, but I am very happy about it. No doubt the seasonal increase in traffic has helped, but I think there is more to this, and that is the influx of new stations and the return of some old-timers.

We welcome WB4DNT, W4DWN, KC4FL, NC4H, K4JI and N4XS. Dan, W4DL has returned at least for the holidays to help with the load, and we certainly appreciate that. We also welcome Eric, AB4EA and George, W1NJM back for the winter.

For those not yet with us we again issue an invitation and a challenge. The challenge goes to those on fone nets using "Q" signals. "Q" signals don't belong on fone since they are C.W. prosigns. Come join us where their use is proper.

And now for the soapbox. Some of us have been doing a fairly lousy job of sending lately. I am one of these — therefore I am going to take the only way out and buy, beg, borrow or make a keyboard to make things easier on your ears. That is my New Year's resolution. I'm not suggesting that anyone else needs a keyboard, but there are some fists out there that annoy my ears.

Back to basics, gang; the holiday season is upon us. I know you will all give us your usual best effort. Let me say that I wish you all a happy, healthy and successful New Year. Happy holidays from N4SS.

—73,
Nick, N4SS, QFN Manager

Earl Snyder, W4AYD, reports the Okeechobee Hamfest was a hit again this year. As can be seen here the "tail-gaters" were busy. The Okeechobee ARC say -- "Come on back next year....."

Gator Net Notes by Don, N4ET: Gator Net is now operating daily on 7068 KHz. Conditions have been excellent so we will continue here. The secondary frequency is 3561.

Duriing November the XYL and I took an extended leave of absence from ham radio as we joined our R.V. friends. Gator Net continued to operate normally as an excellent symphony orchestra will play without its conductor. I received all the NCS reports promptly and was able to get my net report out on time. Thanks fellas.

I received my first Christmas present early. In last month's **Florida Skip** article, Alma mentioned one of the stations on QFNS was using a J-38 key and that I would like to own one. I have been looking for one since becoming a ham. Well, I was surprised to receive in the mail a J-38 in excellent condition from Dick, N4OK in Ocala who had read Alma's al ticle. Needless to say I am completely satisfied and shall cherish this key until I am gone and rest assured it will be passed on to someone else who will be as appreciative.

Happy holidays to all. Come join us on 7068 at 0830 daily.

—73,
Don, N4ET, G.N. Manager

QFNS Report from Alma, N4MML: Since I was away so much I can't take credit for keeping the net running smoothly. I thank all of you who filled in for me. Special thanks to Dick, WA4PFK for taking the NCS reports and forwarding them by packet. They were received the next day, definitely a plug for packet.

I'm ashamed to admit that since I always use an electric keyer, my straight key sending is horrible. I really envy those of you who are so proficient. After trying Don's new J-38 key, I promised myself to practice. Maybe then I won't have the fear of the keyer conking out during a transmission, changing to the straight key and having my sending unreadable.

Next month I will give net statistics instead of chit-chat. By then we should all be able to catch our breath after the busy holidays. Happy holidays to everyone.

—73/88,
Alma, N4MML, QFNS Manager

We should be determined to grow during 1990. This growth can be helped by making it a pleasure to check-in to a traffic net. The NCS endeavors to expedite traffic, help newcomers and as early as possible excuse those stations no longer involved. If you note an overload situation develop as stations list traffic, please volunteer to help. Everyone gains.

Happy holidays.

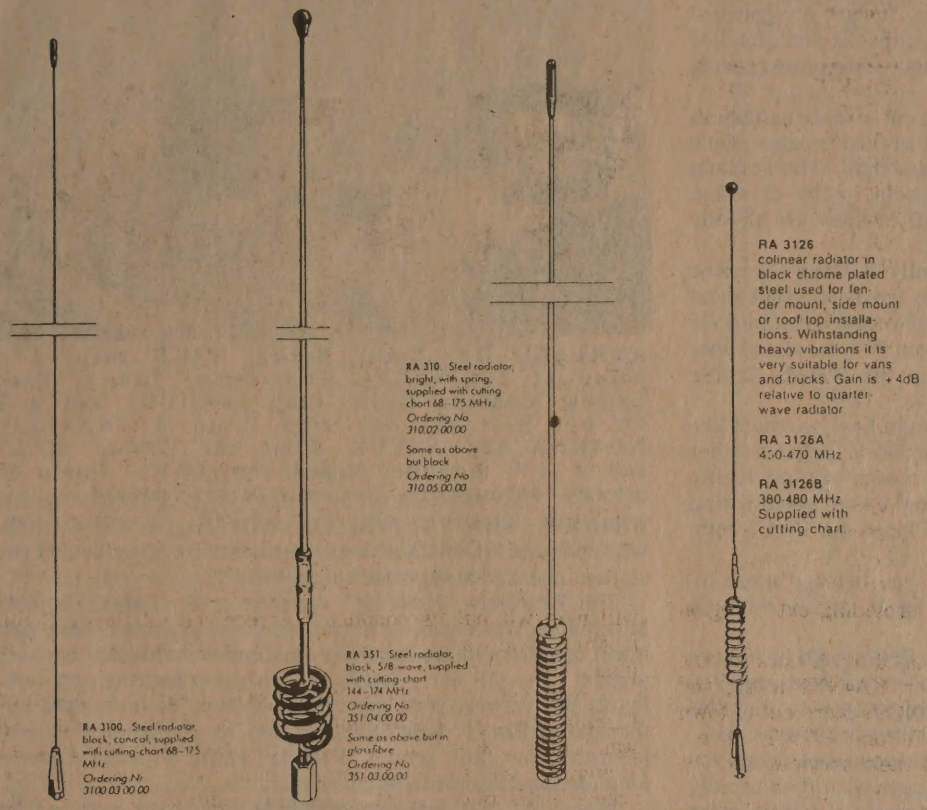
—73,
Ed, K4IA

S.S.B. TRAFFIC NETS

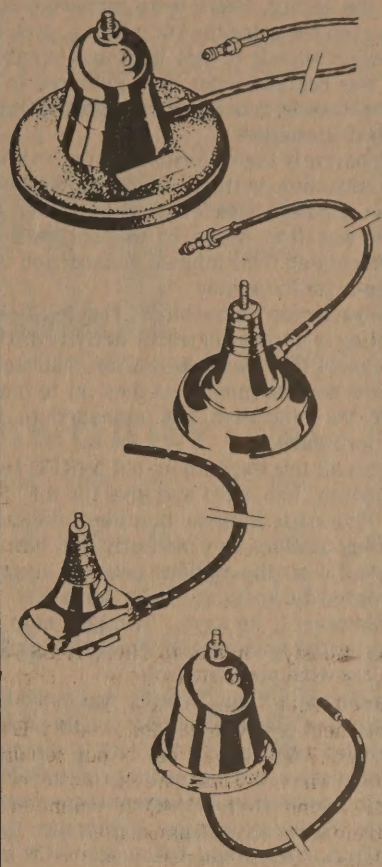
By Joe Scungio, N4KFU

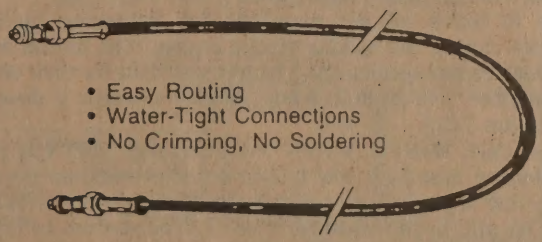
Howdy folks! Many thanks to all the net managers who contribute to the SSB Net Information for **Florida Skip** and their timeliness displayed throughout the year. Also, many thanks to Dick, WA4PFK; and Bill, WB4WYG, for their input, comments and other help.

Mobile Antennas



Mobile Bases





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Another month has gone by and some very serious incidents have been occurring all over Florida. It seems that the Florida Traffic Warrior I first sighted last month was heard prowlin all over the aether. There were numerous sightings and some brave folks even recorded the Dit'n Dah'n, growlin, hummin, garglin and screechin sounds of this infamous creature. In fact my greatest fear was realized when they gathered in hampacks and attacked several hamfests in an all-out effort to improve their noise-making and traffic abilities.

Apparently their Florida strategy to keep out-of-state hampacks from intruding on their bands and numbers worked because many of the northern specie switched rather than fight. The residual effect was that many of the northern specie, many of whom miscalculated their migration dates and traffic routes, are already frozen-in for the winter.

Those frozen "snow birds" reacted violently like they always do, resulting in a frenzy of traffic activity as they tried to find out about this elusive Florida Warrior Clan. This activity should continue for the next several months as they try to find out how the smart ones made the migration and managed to join the Florida Traffic Warrior Bands.

With all this excitement old N4KFU thought he'd be smart like last month (heh, heh) and give the S.F. Section Manager another call. Wanted to impress him like I did last month with my traffic handling abilities so I modestly told him how I went about listing my traffic on the various nets. As usual "good ole Dick" complemented me about my skills (ho hum).

"However," he says, "it might help if you listened more intently, listed your traffic when NCS calls for it, and do what he says, not what you want to do."

Additionally that, "Traffic you listed for RN5 should have been for 4RN and that book of four should have been two Easterns. You responded real fast to the NCS's third call to QSY to the RN5 representative, but please try to hit the old mike a little faster Joe.

"Oh! And remember where to go and who you follow when you QSY to the liaison station. Remember the receive station usually calls first. You might follow the NCS instructions a little more closely and transmit only when necessary. I know you want to help but let the designated relay station do that or doubles and triples result.

"One thing (Heh. Heh, only one) you might do is try to get a few more K.C.'s closer to the NCS's frequency. Check your RIT (must be the Warrior's weapon) because maybe that was the problem.

"All-in-all your doin just as well as last month Joe." (Think I won't pay my fone bill anymore).

"Thanks again Dick."

HAPPY HOLIDAYS FOLKS

From NFPN: Was sorry to hear that Rudi's (WA4PUP) wife Juanita (WA4PUO) was quite ill but the good side is that she is receiving therapy and Miss Bonnie reports that she is doing better.

The net could use some NCS and liaison station help.

The net meets daily at 6:30 p.m. local time on 3950 KHz during this time of the year and your participation is certainly invited. Many stations are doing double-duty and the present line-up is as follows:

	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
NCS	WA4GNR (Mike)	N4VSP (Steve)	K4EBO (Lucky)	WA4GNR (Mike)	N4EWF (Bonnie)	KA4HHE (Dot)	N4EWF (Bonnie)

Liaison: QFN, TPTN, LFPTN, etc., WA9VND, N4DY, N4JAQ, W4NFK, K4UBR, W4DNT and WX4H.

The liaison stations do yeoman duty so come join them and help out. On every net you can always find several stations that are always around for continuity.

Have you ever checked into NFPN and not heard that friendly voice of "Miss Bonnie"? She is a tremendous asset to that net and is always ready to help. Thank you for being there and doin a good job Miss Bonnie.

From Bill, WB4WYG, FPTN Net Manager: Check-ins dropped slightly but still totaled 1,320 with 412 pieces of traffic passed. Last year it was 401 so even with other systems coming on-line (packet, etc.) SSB held its own. Maybe the personal contact plus a roger helped out.

Fourteen stations checked in 100 percent of net sessions. They were: WD4FNX, N2AOX, W4BKC, KI4CQ, WA4EIC, K4EJW, WB4WXW, WB4WYG, WB4ZVD, WD4IUD, WA4RUE, K4SJA, WA4VND and WB4WCX. Thirty-one stations or 58 percent of roster stations checked in 85 percent of the time.

ARRL SE Dir. Frank Butler, W4RH snapped this photo at the NARFE Convention, Tampa. The Tampa Amateur Radio Club (W4DUG) had a booth set up. Here the day crew L to R: WA4LLU, WD4HHA and K4EUK doing the honors. A VCR and a TV monitor played the ARRL videso continously throughout the convention period.

Jim Bradshaw, KA4AMC, remains in St. Lukes Hospital in Milwaukee, Wisconsin. At presstime it was reported that after his latest operation he went into a coma and remains that way at the present time. All our prayers are with him for recovery and we thank the various stations who have kept us up-to-date on information. Elmer, KA4NXF also had an operation but quickly returned. You can't keep a "Florida Traffic Warrior" down very long. Happy it all went okay, Elmer.

Blaine, WA4EIC just got his Swan M.X. 100 back on the air and it sounded good. Steve, WA4RUE has rig problems so will be missed for about a month. Hurry back Steve!

Like to thank all net members for tightening up on net operations during the holiday traffic season. The liaison stations have done yeoman service and a hearty well done for their efforts.

Remember, join us on 3940 and "when the traffic is done you'll have had fun." Hi. Bill

From Carl, W4NFK, FMTN Net Manager: FMTN is purring along despite missing a few liaison schedules and an occasional flare-up due to poor band conditions on 40 meters with FMTN and D4RN. We still have a need for more liaison stations to D4RN. If you can help please notify Billy, N4UF or myself.

By the time you read this I will have enjoyed my Thanksgiving holiday but everyone have a prosperous New Year. Many thanks for your support during 1989. Carl

From Laura, WA9VND, TPTN Acting Net Manager: Cef is on vacation but we have all been behaving ourselves.

November check-in totals were very good and traffic as usual for this time of year, was heavy. On November 21st the net had 20 check-ins with 32 pieces of traffic which was passed within 33 minutes. When you're hot your hot. Checking in most often were: AA4FG, KA4NXF, WA9VND, W1UKR, AA4CH, KC4FL, WB4DNT, N4JAQ, N4JAQ, N4QVT and WA4QXT.

Steve, N4XBA has upgraded to KN4AM.

Start your evening off right, check in at 5:00 p.m. each evening on 3940 KHz. Laura

From Earl, K4FQU, SWFTN Net Manager: The net is humming along and it is just great to have the NCS and liaison slots filled.

Also, great to have our winter folks back and helping out. We might gripe about them when we are driving but the benefits far outweigh the negatives. Let's face it they sure make things more exciting.

The QNI and QTC are up and with Christmas we will keep everyone busy. So, merry Christmas and a happy New Year to all. Ho, ho or dit, dit. Earl

Our SKIP Photogra her, Ken Hughs KC4GNN shot this one at the Broward Hamfest. The turn-out was excellent and plans are underway for a bigger and better one next year. See you there.

YOUR HAM LICENSE

When was the last time you looked at your amateur license? Do you know when it expires? You should! Even with a two-year grace period, time slips by fast. If you do not know when your ticket runs out, I would suggest you find it now and make a note of it.

This all leads up to one point, if you need a FCC 610 Form **Florida Skip** can supply you with one or two provided you send us a number 10 (10-inch) evelope, self-addressed and stamped to: Skip 610, P.O. Box 501, Miami Springs, FL 33266.

The Miami FCC Field Office was kind enough to send us about 200 forms recently to pass out as needed. Play it safe . . . check your license now.

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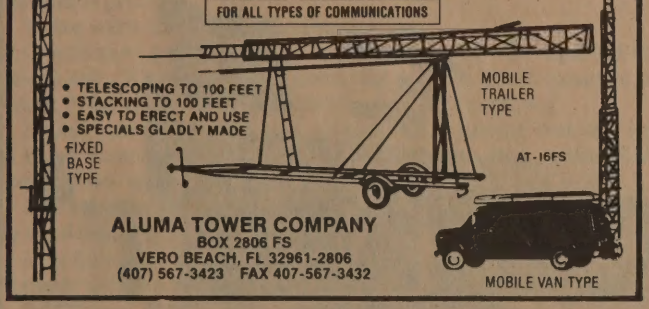

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For the 17th year, FLORIDA SKIP is sending to it's members a Ham Shack Size calendar. The one below is in four colors, actual size. If you would like one, send us a Self Address Stamped envelope (any size) or with your renewal or HAMBAR and we will send one back. They are free, but donations accepted. Ed.

The All Florida Radio Amateur's Publication

Serving Florida Amateurs — Over Two Decades

P. O. Box 501 Miami Springs, FL 33266

1990 **JANUARY** 1990

SUN	MON	TUE	WED	THU	FRI	SAT
F.Q. 4	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	F.M. 11	L.Q. 18	N.M. 26

LAST MONTH **DECEMBER** 1989

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24 31	25	26	27	28	29	30

NEXT MONTH **FEBRUARY** 1990

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

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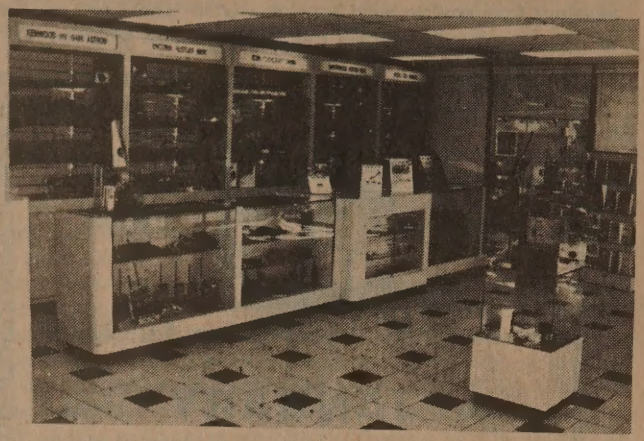

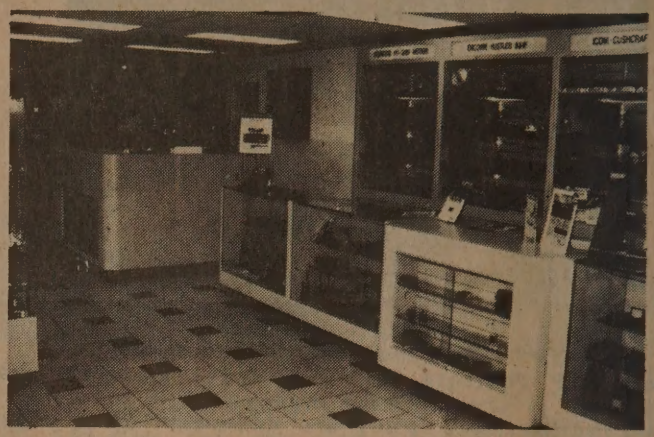

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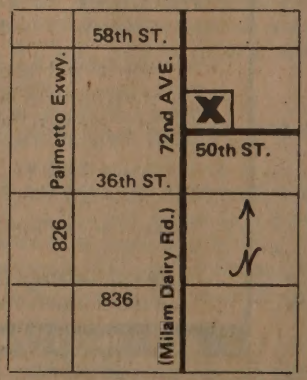

FLORIDA STATE Q.C.W.A. NEWS
Edited by Eli Nannis, K4JMH

All Florida QCWA Chapters must now be operating with meetings and many activities. Also, the big conventions season is here with Miami in February and Orlando in March. I hope that the QCWA Chapters in those cities will have QCWA booths set up.

Our new national president, Harry Dannals will be at the Miami convention and he will visit some of our Florida chapters during the month.

The chapters have been sent a yearly form which must be made out and sent in before the first of the year. It lets headquarters know what's going on with the chapter and who the officers are. This form must be in by the first of the year. If it is not, the chapter will be put on an inactive status.

Send me your reports on your chapter meetings so that other chapters can know what others are doing. My address is on page two of **Florida Skip** and we thank Andy, W4IYT for giving our chapters space in each issue of **Florida Skip**.

SOUTHEAST CHAPTER

Nineteen members and guests attended our regular monthly meeting on Saturday, November 18th. Among our guests was "Freddie" bride of Stan Offenhutter, K4BLM, one of our oldest members who recently became a "silent key." Freddie, who was appointed an associate member of the chapter, thanked the chapter for its support during her period of bereavement.

A nominating committee was formed for the upcoming election of new officers for 1990. Vice-President Herb Hernard, W4JXA volunteered to run for president. Sid Wolfeld, KJ4AS volunteered for vice-president.

The members voted to have a Christmas picnic at Enchanted Forest Park on December 16th which is also a regular meeting date. New officers will be elected at that time.

Our chapter holds meetings on the third Saturday of every month at Denny's Restaurant on Northwest 36th Street and the Palmetto Expressway. We offer outstanding ham camaraderie, a 50-50 cash drawing and the usual Denny's food. Guests are cordially invited.

— Reported by Sid Wolfeld, KJ4AS

SUNCOAST CHAPTER

Our chapter held their luncheon meeting on November 2nd at the House of Chong in Sarasota. The attendance was 63 members and guests present.

There were no members on the sick list.

One former member, T.W. Baldwin, K4AXA was reported as a "silent key." Donations have been sent to QCWA in memory of two recent "silent keys" and the wife of one of our members.

Frank Lester, W4AMJ was recognized as having won the John Di Blasi Award. He displayed the plaque given him at the QCWA annual meeting.

Bob announced that due to the resignation of our vice-president, we need to fill that office.

Frank Lester, W4AMJ and Mary Ryden, K8ONV reported on the National QCWA meeting.

Bud Hynes, N4RSS introduced our speaker, Theresa Williamson Lockard, administrative director of the Venice Eye Clinic. She spoke on cataracts, glaucoma, detached retina and methods of treating each, using slides to illustrate each condition.

— Reported by Bob Bookwalter, N4NWF

PELICAN CHAPTER

At the November meeting, we were pleased to have as guests Walter Marshall, W1RMR and his lady Pierrette. Walter is a QCWA member from the Nutmeg Chapter. Also at the meeting, the Nominating Committee presented the following slate of officers for 1990 and they were:

President Jay Strom, K9BSL; Vice-President Eli Nannis, K4JMH; Secretary, to be appointed; and Treasurer Don Bice, W4PCO. Since there was no nomination from the floor, the slate was elected by acclamation.

The next meeting of our chapter will be our annual Christmas party to be held on December 20th at Stacey's Buffet in St. Petersburg. Juliette Bloechle, Pat Chester and Gladys Leudke have volunteered to do table decorations. Each person will donate $2.00 to be matched by funds from the chapter treasury and the money will be distributed to local charities. For the past three years over $500.000 has been donated to the Salvation Army and the St. Petersburg Free Clinic.

Our net meets every Saturday at 10:00 a.m. on 147.06/66 and is doing very well due to the excellent direction of Net Manager Dutch Romig, KF4DI.

Flash . . . our chapter has its own repeater on 144.69/145.29. It is currently in our president's shack, Jay, K9BSL but it will soon be located on a 14-story building in St. Petersburg. The call is K9BSL QCWA Repeater.

— Reported by Don Bice, W4PCO

GATOR CHAPTER

The attendance at the monthly meeting at Stacey's Buffet in Clearwater was 35 members and guests.

Harold, K4GVB and XYL are celebrating their 60th wedding anniversary. Les, W4DH had his 93rd birthday this month and Jim, N4BQC his 81st birthday.

Cappy, AA4MF is home and doing well after being in the hospital for a few days.

Our Christmas meeting will be on December 2nd and we are contributing $2.00 from each person to be matched by our treasury and given to charity.

Your writer gave a report on the Gulf Coast Amateur Radio Council Convention held on November 18th and 19th at Curtis Hixson Convention Center in Tampa. Our guest speaker was former president, Bill Penhallegon, W4STX and he gave a report on his DX-pedition. Bill and his XYL went on a trip to the Cayman Islands. The islands were the last outpost of the British Isle.

He was given the call, ZF2MK. His equipment was a Kenwood TS120S and power supply small enough to put into a suitcase. He put up an inverted "V" antenna on the roof of the hotel. He made many contacts on different bands and his last contact was with KB4NIX of Largo.

Don Pico, W4PCO gave a demonstration of ancient telegraph keys. Don collects keys and if you have any to get rid of, let Don know.

Jim, N4BQC reported that he had a QSO with a station in New England on C.W. at a very fast speed with W2AA. W2AA is 93 years old and he expects to reach a hundred.

— Reported by Eli Nannis, K4JMH

CENTRAL FLORIDA CHAPTER

Our meetings are held the third Saturday of each month at the Sizzler Steakhouse in Lakeland on Highway 98N. The time is 11:30 a.m. All area QCWA members and their wives are invited to attend as are QCWA hams who enjoy the get-togethers.

President, W4PBL enjoyed a visit by KA1LQO who was born in La Londe, France.

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Thanks to W4SVB for a job well done as president in 1989.

Please up-date your list of your major ham radio items. Those of us that work to finalize estates can't tell you how much help these lists would be when it comes time to assist widows in the sale of equipment. The lists should indicate purchase price, estimated resale value and also any items that are willed to somebody. Keep it up-to-date and in a place where your family knows where it is located.

Welcome back to VE3OEE, VE3BIS and K8RIF. W1PCD is back from Maine and sports a new TS950.

WA4TIC is faithful in checking into the Florida State QCWA on Saturdays at 9:00 a.m. on 3955 KHz.

WA4RLC has the D.X. bug.

W2HGV is the new president of the Lakeland Radio Club.

WT4F keeps up on the ARRL bulletins.

N4LBG works hard to improve his golf score. W4SZ and W4YRK attended the Tampa Hamfest.

Check into our net at 9:00 a.m. Saturdays on 7243 KHz.

— Reported by Jim, W4JM

EVERGLADES CHAPTER

By Jonathan A. Pomeranz, K4AU

Officers for 1990 are Bing Binger, W4IB; Joe Trahan, W4UCL, vice-president; and Bill Dreyer, WA9JNB. Harry Belock, AA2X, president for the previous two years is "president emeritus."

Bob Sternberg, AA2EE although not a "ham" for the required 25 years to be a member of QCWA is considered a non-voting club member and serves as program director. His duty is to get interesting speakers for the meetings and if not, he is to deliver the talk himself. If you've never heard him, you are in for a treat.

There is a change in the meeting place for lunch at 11:00 a.m. The meetings of December 13th and February 10, 1990 will be at the Morrison Restaurant in Hollywood at Hollywood Boulevard and Park Road, one mile west of I-95 on the north side; it adjoins Sears. As usual, ladies are invited whether "hams" or not. Even if you are a QCWA member but not a member of the Everglades Chapter, come and enjoy meeting the old-timers.

Ron Hunt, WA4TOT (R) is being welcomed to the R.S.G.B. Hq. in London, England by Jim Smith G3HJF or RSGB Hq. Staff. Ron and XYL Peggy stopped of there to bring sunshine greetings from Florida amateurs. (photo via KK4TA)

FLORIDA NUMBER TWO

Florida continues to be second in the United States in number of hams. As of mid-1989, California had 66,130 hams with Florida having 28,856. Texas is third with 27,750 followed by New York with 26,878.

Wyoming has the fewest with 1,019. In 49th place is Delaware with 1,097. South Dakota has 1,165.

— From Balanced Modulator: NOFARS

The Sarasota Hamfest Committee Presents The South Florida Section ARRL Convention February 17Th , 18Th 1990 Featuring Commercial Exhibits

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REGISTRATION

$5.00 Advance (deadline January 26th)
$6.00 After January 26th
(Tickets are valid for two days entrance.)
All persons attending Hamboree are required to have registration tickets. Children under 12 free when accompanied by a registered adult.

HAMBOREE CAMPGROUND

$40.00 for Friday, Saturday and Sunday Nights
$15.00 Additional for Thursday Night
No one- or two-day campsites available. Campsites will be pre-assigned according to length of unit and requirements of occupant (i.e., units without built-ins will be near bath and shower facilities, etc.). Check-in times: Thursday . . . noon, Friday . . . 9:30 a.m. to 10:00 p.m., Saturday . . . 9:00 a.m. to 10:00 p.m. No check-in after 10:00 p.m. any night. Check-out time: Monday . . . noon.

SWAP SHOP TABLES

$20.00 per Table (covers both days of show)
Power: $10.00 per User
Table Size: 8 Feet by 24 Inches
All persons reserving swap tables must have a registration ticket for each person attending table. Swap Shop move-in hours, regulations, parking permits, identifications, etc., will be forwarded by Swap Shop Chairman with your reservation acknowledgement. Swap Shop table holders enter premises via Gate 2 on Southwest 24th Street. **Table cancellation policy: table cancellations received on/or before January 15, 1990, will receive full refund of deposits. Cancellations received after January 15th will be assessed 50 percent of full amount due.**

AMATEUR RADIO LICENSE EXAMS

Exams will be given on Sunday, February 4th, for all classes of license — Novice, Technician, General, Advanced and Extra. Exams will be conducted at Dade County EOC, 5600 S.W. 87th Avenue. No pre-registration required. **All persons wishing to take exams should be at examination site by 9:00 a.m.** in order for examiners to complete paperwork and collect examination fee prior to beginning tests. Exams will begin at 10:00 a.m. and continue until all applicants have had an opportunity to complete exams. You are required to bring proper identification and, if upgrading to higher class of license, original copy of current license.
Do not call or write to Dade County EOC regarding license exams. All inquiries should be sent to Hamboree Chairman.

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Rates: $78.00	**Rates: $55.00**
(single or double)	(single or double)

No deposit required on hotel reservations if arrival is before 6:00 p.m. Late arrivals should send one night's deposit.
Reservations should be made by January 14th in order to guarantee special rates.
Courtesy vans will be running between the hotels and the Hamboree site.

Forms for registration tickets, swap tables, campground sites and hotel reservations are in Hamboree Brochure for your convenience.

Write to Hamboree Chairman for complete brochure. Money orders or checks for tickets, tables or campgrounds must be made payable to: Dade Radio Club, Inc.

PROGRAMS and ACTIVITIES FOR EVERYONE!!!

- ANERCOM REPORT ON HURRICANE HUGO OPERATIONS
- FEDERAL COMMUNICATIONS COMMISSION REPORT
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COMBINED RADIO CLUB OF AMERICA/QCWA/OOTC/SOWP LUNCHEON AND MEETING

Luncheon Saturday, February 3rd, Airport Hilton, Coral Cafe, 11:15 a.m.
Meeting and program to follow in Hilton Meeting Room on Mezzanine Level.
Guest Speakers: Harry Dannals, W2HD, president QCWA and
Fred Link, W2ALU president Radio Club of America.
The sponsors cordially invite you to attend.

QCWA • OOTC • SOWP HOSPITALITY CORNER

Saturday and Sunday in exhibit area of Hamboree.
All members are invited to drop by for an eye-ball and
enjoy refreshments courtesy Southeast Chapter QCWA.

DX ACTIVITIES AND HOSPITALITY

DX booth and exhibit. Cards will be checked by Don Search, W3AZD, for DXCC credit.
DX forum Saturday 10:00 a.m. to noon.
All the latest tips on DXing for the the newcomer and the "seasoned" experts.
A full morning of interesting topics presented by the South Florida DX Association.
DX hospitality South Florida style will be a joyous occasion filled with
lying, bragging, tales of the one that got away (we don't mean fish), and fraternal fun.
Check at the DX booth for location of this unforgettable activity.

CONTINUING LEGAL EDUCATION SEMINAR

Conducted by the ARRL Legal Strategies Committee
Friday, February 2nd, Airport Hilton Hotel . . . 9:30 A.M. to 1:30 P.M.

"Land-Use Regulation of Federally-Regulated Communications Facilities and the Doctrine of Federal Pre-emption"

A • Introduction

This four-hour seminar will analyze several areas of local, private and governmental restrictions of wireless communications facilities and radio antenna systems, and the limits of municipal and state jurisdiction. The goal of the seminar is to assist the individual practitioner, city planning authorities, municipal attorneys and attorneys for developers in properly addressing local regulation of communications facilities licensed or controlled by the Federal Communications Commission. The principals and precedents discussed in the seminar will apply to the development, drafting and administration of municipal zoning ordinances and building restrictions in private developments, defense of individual nuisance actions against radio operators; and the prosecution and defense of civil actions by amateur radio operators or satellite dish owners in order to obtain permits or homeowner's association approval for antenna facilities. Recent changes in these matters will be highlighted, and current actions discussed.

B • Cost

Fifty ($50.00) dollars per CLE registrant to cover reproduction of bound materials. (*Note*: This course will be open to non-attorneys, at no cost, without provision of course materials.)

C • Faculty

The faculty of the seminar includes communications law practitioners and attorneys experienced in land-use regulation and litigation affecting maintenance and operation of federally-regulated communications facilities.

Christopher D. Imlay, Esquire, Moderator • Washington, D.C.
Wayne Overbeck, Esquire • Tustin, California
George S. Wilson III, Esquire • Owensboro, Kentucky
Marshall Quiat, Esquire • Denver, Colorado
Clyde O. Hurlbert, Esquire • Biloxi, Mississippi

D • Seminar Topics

1. Course Overview and Introduction
2. Negotiation of Zoning Ordinances and Building Code Provisions
3. Obtaining Special Exceptions, Special and Conditional Use Permits and Variances for Communications Facilities
4. Covenants, Conditions and Restrictions; Limitations on Private Land Use Regulation of Communications Facilities
5. Litigation Strategies in Representing the Communications User
6. Engineering Consideration in Land Use Planning Relative to Communications and the Use of Expert Testimony in Antenna Cases
7. Discussion of Recent Cases and the Future of Individual, Municipal and State Land Use Regulation of Communications Facilities
8. Question and Answer Session

Registration for the seminar should be made well in advance in order to provide adequate seating for all attendees of the seminar. For application forms write: John Hennessee, ARRL, 225 Main Street, Newington, Connecticut 06111.

KNIGHTS OF THE KILOCYCLE

By Bob McDow, W4KOG

3910 K.C., Sunday, 1230Z — 0730 EST

Snice the pages of Skip have been swamped trying to keep up with all the commotion caused by Hugo, the Russians and the brouhaha on the Maritime Net, I'm not sure anymore when this article will be printed. Therefore, I'm going to make it sort of **generic**. . .

Hope everyone has been enjoying the numerous hamfests in the Florida area. I've always liked going and poking through all the stuff to see what "pearls of great value" can be had for a mere pittance. Didja ever notice tho ??? Even when an item obviously worth hundreds of dollars is priced at $5.00, everyone will offer $2.50 or $3.00 and eventually get it for $4.00 or $4.50!!?? No buyer pays full price and no seller takes the first offer.

Hamfests are changing though. At one time there was all sorts of inexpensive surplus gear which could be converted into excellent transmitters, receivers and all sorts of useful amateur equipment. Now, everything you see is old computer junk, bags of 2N2222 transistors, 10-million mfd. at 10 VDC capacitors and other such useless things like **hats** and **buttons** with your call-sign.

Probably the reason is that **nobody** builds anything anymore. They buy a ricebox and away they go!!! I feel sorry for them. They miss all the fun of shopping for parts at the hamfests and then putting it together. What a **thrill** when it works and you explain to some guy at the other end of a QSO that the "gizmo" you're using is "**homebrewed**" and was made from the junkbox!!!

Me??? Yeah. I'm using a ricebox like everyone else!!! Oh well . . . I still enjoy it!!!

FLORIDA ARMY M.A.R.S. NEWS

By Bob Watson, AAR4QH

Recent MARS and eastern area broadcasts have advised everyone about the present Army MARS Chief Larry Warren who will go into retirement at the end of December, and that Robert Sutton will become the new Army MARS chief. The broadcast also called attention to an upcoming conference December 12th through 14th in Arizona to discuss many plans for MARS this coming year.

All members attention is invited to be sure and answer the questions covered by several broadcasts. I wonder how you would vote on the following questions?

1. Age limits change?
2. Delete H.F. requirements?
3. Change membership to delete radio amateur licenses?

Personally I feel that none of these changes should be made.

The willingness of the Air Force and Army MARS to work together on the spur of the moment was put into action when a few days ago the MARS Chief at Eglin informed me that they were having trouble with their telephone lines. He issued me a special Air Force temporary MARS call and gave me the frequency to contact Air Force Headquarters at Langley Field, which was successful.

I maintained contact locally on VHF (their frequency my call AAR4QH) and out of state on H.F. They had approval from the local command to put this plan into action and I was a temporary unit, with their equipment on VHF (as well as my own). This lasted approximately two hours before everything became normal again. No explanation.

Due to the lack of activity in this northwest corner of Florida, I have been turning on my packet and printing what's going on. If traffic is listed for me then I will connect up the T.X. and get it, otherwise I don't run my equipment 24 hours a day.

Don't forget to check the list for the hamfests for this new year coming up. Listed are: January 20th, Ft. Myers; January 21st, Pinellas Park; January 27th, Inverness; January 28th, Greenville, Alabama; February 3rd through 4th, Miami, the **big** one; and February 17th, Pensacola. Will add the others later.

Well, I guess that's about all for this time. CUL 73 de Bob.

UNITED STATES AIR FORCE M.A.R.S.

By Guice W. Johnson, WA4LHO/AFA2SB

We hope each of you have a happy, safe and healthy New Year. A year filled with as much service, traffic handling, contesting and any other activity as it takes to make your life complete.

A new year usually brings many things. Some we may not like and some that we do like. We are always certain that there will be some changes. Maybe not progress, but changes.

Traffic handling is a pretty big thing in USAF MARS. As most of you know we are involved in voice, RTTY, C.W., phone patch and two-meter packet. In 1989 Region Two USAF MARS initiated our own H.F. Packet Network. This medium is active in most of the Region Two states and is growing to a point in the near future where we will have all nine states covered. This is not intended to take the place of any other means of communication but is certainly a viable supplement that will allow USAF MARS to become more proficient in our task of communication.

The H.F. Packet Network is under the supervision of Kenneth Scott, AFB2FR/AFF2R the Region Two RTTY manager.

Now that we are starting a new year, it is a good time for USAF MARS members to give some serious consideration to becoming more active in one or more of our different modes of communication. It is also a good time for those of you that are not members of MARS to give it some serious thought.

To join USAF MARS contact: Chief USAF MARS, HQ AFCC/DOYX (MARS), Scott AFB, IL 62225-6001.

HAMFESTS and CONVENTIONS

By Kay Anderson, W8DUV

If a certain club or group decided that there was a blank date on their calendar, and they wanted to have a hamfest or convention to fill that void, I have a suggestion.

First, take notes from the **Tampa Suncoast Convention** held November 18th and 19th this year, November 17-18, 1990. These folks have **organization**. Nine clubs and various individuals make up the Florida Gulf Coast ARC which sponsors this annual event.

Advance planning is the key to success. This group already knows next year's officers, date and place for the convention, and the committees were working on 1990 before 1989 was history. They're even making plans for 1991. A larger place will be needed, such as a fairgrounds. Reason is, this year showed a 40 percent increase in advance ticket sales, attendance and booth space sold. Moving to a different location in 1991 might allow more R.V. accommodations and parking space for tailgating.

Problems were few at Tampa. Finding someone **present** at 3:00 p.m. to accept the ALUMA tower on Sunday was almost a problem. The 13th ticket drawn was lucky — KP4FOF was there and happy to accept his prize.

The main prize, an ICOM 735 with power supply should have been no trouble to give away as one need not be present to win. Ticket 1310 said N3FQR, Laurel, Delaware. He wasn't present but the Prize Committee would ship it to him. First they had to find him.

Jim, W4DPH called Delaware, then checked his callbook, called Maryland. He got a "not listed" from the L.D. operators. Someone saw N3FQR on packet. Jim found the call in a listing from KK4HB. It showed N3FQR at a Good Sam Park near Kissimmee.

Phone calls, packet messages, more phone calls. Then on November 28th, a happy Gil Downing, N3FQR and his XYL Fay, made the trip to Clearwater and picked up his "early Christmas present" at AES (see photo).

I usually rate the events I attend. But, since I'm one of the directors of this one, I just might be a bit prejudiced. So why don't **you** rate it for me. If you attended this one, send me your comments by radiogram, packet, postcard, whatever. Did you like or dislike the location? Hotel accommodations? Talk-in directions? Prizes? Programs? Ladies activities? **You** could influence next year's program and maybe more. We are planning already, but we are listening.

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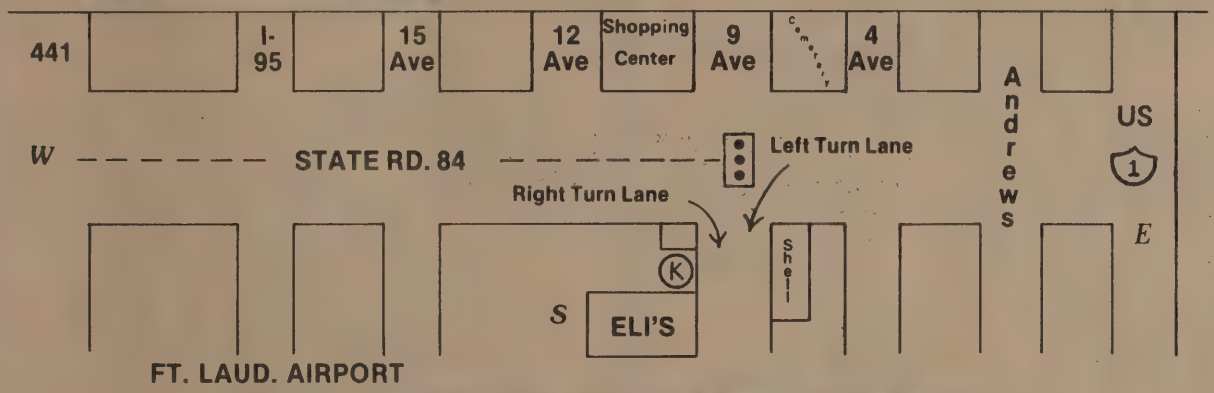

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BOCA RATON AREA EXAMS

FCC exams are given by the IBM Radio Club at the IBM Facility in Boca Raton. Exams are scheduled for the first Friday of the month at 5:00 p.m.

Bring a photocopy of your license, positive identification and $4.75 to cover the fee.

Contact Pete Brunet, WS4G during working hours at 982-3885 for more details.

The Siemens Amateur Radio Club is sponsoring an ARRL/VEC coordinated exam session on January 19, 1990 at 17:30 hours. The exams will be given at the Boca Raon facility of Siemens Public Switching Systems, Inc., 900 Broken Sound Parkway Northwest, Boca Raton, Florida.

Pre-registration is recommended, but walk-ins are accepted if testing materials are available.

Contact Ron Diego at (407) 994-7168 during business hours for more information or to pre-register.

BROWARD COUNTY

CAVEC exams by Racal-Milgo in Sunrise twice per month on the first Saturday at 8:45 a.m. and on the third Thursday at 7:30 p.m. at 1601 North Harrison Parkway (Northwest 136th Avenue).

No pre-registration required. Bring with you your original license, a photocopy of that license, the original of any credit certificates and a piece of photographic identification (driver's license okay). There is a fee of $2.00 except novice, which is free.

Talk-in on 145.27 and 224.84 repeaters.

For further information call Chip Allen, AK4Y (home) 476-8761 or (work) 476-4763; or call Joe Lowey, KF4FO (home) 434-8211 or (work) 476-4567. From Dade County, during business hours only, 592-8600. Ask for extension 4321 or 4697. For recorded information (24 hours) 476-4444.

ARRL/VEC exams by Consolidated V.E.'s of Brevard County — Room Q-22 — Florida Institute of Technology — Melbourne — 10:00 a.m. (check-in 0930) — third Saturday of every month.

No pre-registration required. Form 610 provided. Bring original and photocopy of current license.

For information contact Victor Lau, N4FUY at (407) 768-0888.

CITRUS COUNTY

License exams are scheduled for the third Saturday in the odd numbered months at 8:30 a.m. at the Citrus County Emergency Operations Center on West Southern Street in Lecanto. (West off C.R. 491, one-quarter mile north of S.R. 44.)

Reservations preferred, walk-ins accepted while supplies last. Bring original ham license and photocopy, certificates for prior exam credits if any, photo identification as driver's license, pen and pencils and $4.75 fee. No exams in Jan 1990.

Phone Cotton, KB9LT at (904) 344-8322 for reservations or further information.

HERNANDO COUNTY EXAMS

The Hernando Volunteer Examining Council (HERVEC) with Clover Leaf ARC and Spring Hill ARC co-sponsors are now conducting monthly exams novice through extra, each third Wednesday of the month, 6:00 p.m. at Springfield High School in Spring Hill. The Clover Leaf Visitor's Center in Brooksville is the alternate exam site.

Walk-ins are welcome.

Contact Paul Sauer, K4ZC at (904) 683-3167; or Regis Kramer, W4ILE at (904) 796-6802 HERVEC co-chairmen for further information.

NORTH DADE — SOUTH BROWARD

FCC exams will be given every fourth Thursday by a W5YI-VEC team prior to the regular monthly meetings of the Fellowship Amateur Radio Club.

The exams are open to all. Bring your original license and a photocopy. Form 610 available. No pre-registration required. Fee for up-grade testing is $4.75. Novice test is free.

Time is 6:30 p.m. at Ingels Park, Southwest First Street and Southwest Eighth Avenue in Hallandale.

For more information call evenings, Howard, N4EBT at (305) 935-5214; or Norm, K4RBR at (305) 823-5437.

DADE CITY AREA

The East Pasco Amateur Radio Society will conduct W5YI-VEC exams, technician through extra class (novice by reservation only due to time limitation), on the third Wednesday of each month (except December) at 602 East Meridian Avenue, in the Tampa Electric Company Conference Room (two blocks east of Highway 301), Dade City, Florida at 6:30 p.m.

Bring the original and a photocopy of your current license, photo identification and $4.75 fee.

We also conduct exams, by appointment, for those with special needs and whose schedules conflict with normal exam lessons.

Contact Ed Privette, AB4PY at (904) 583-4580; or George Mann, KJ4UW at (904) 567-6300 or (904) 567-9594

HIALEAH

W5YI coordinated test — novice through extra, every third Saturday of the month at 8:00 p.m. Location is 750 East 25th Street, Hialeah, second floor. Dates are January 21st, February 18th and March 18.

Pre-registration recommended. Walk-in on test available basis, Fee is $4.75.

Contact Ivan Prada, KP4EDL, P.O. Box 3576, Hialeah, Florida 33013 or (305) 829-0602 (7:00 p.m. to 9:00 p.m.).

DADE COUNTY AMATEUR RADIO EXAMINATIONS

Exams will be held at the Dade County Emergency Operations Center, 5600 S.W. 87th Avenue, Miami, Florida 33173, at 9:00 a.m. on the second Saturday of the month.

Walk-in exams on test available basis. Bring a photocopy of your current license, photo identification, pen and pencil and a $4.75 check payable to ARRL/VEC. FCC Form 610 available at exam.

For further information contact Tom Sherwood, AL7HW at 255-3170 after 5:00 p.m.

OCALA/CENTRAL FLORIDA

W5YI exams are held each month (except November and December) on the last Thursday, 7:30 p.m. at the St. Patrick's Episcopal Church, 2802 N.E. 7th Street, Ocala, Florida.

All exams, novice through extra, are given on a walk-in basis. Fee is $4.75. Novices are free. Talk-in is available on 145.130 repeater.

For information contact Jim, KA2MBE at (904) 236-0744; or Joe, KA4WJB at (904) 351-0985.

MARION COUNTY

W5YI exams — novice through extra, every second Monday at 7:00 p.m., Marion County Government Complex at the corner of Southeast Ft. King Avenue, and Southeast 25th Avenue.

Talk-in on the 146.61 K4GSO repeater, Silver Springs Radio Club, Ocala, Florida.

Contact Jim Brenner, NT4B at 237-5783; or Walt Morris, K4ELK at 245-7254 for information.

PENSACOLA

FCC exams are given the third Thursday of each month at 5:00 p.m. Location is the cafeteria of the West Palm Florida Hospital, on North Davis Highway.

For further information contact Rick Lloyd, AA4W; or Bill Behrends, WA4YRN.

CENTRAL FLORIDA

The Central Florida V.E. Program Council will sponsor FCC exams on Saturday, January 6th at Channel 24 Studios on East Colonial Drive, Orlando at 9:00 a.m. This session will be conducted by ARRL Volunteer Examiners.

FCC exams will also be given on Sunday, March 25th at the Orlando Hamcation in the Orange County Civic Center at 9:00 a.m. These exams will be on a pre-registration basis, only. Last year some applicants complained that they had to wait several hours before they could take any tests, so we hope to remove any excessive waiting by requiring all applicants to pre-register before March 10th.

Please send your completed 610 Form, a $4.00 check to "R.V. Mackey CVE," a copy of your FCC license and copies of any CSCE's by March 10th, to R.V. Mackey, N4ADI, P.O. Box 941598, Maitland, Florida 32794. Please indicate which test elements you wish to take at the session. You will receive a pre-numbered registration for the tests you want to take. You must register before March 10th, 1990.

Good luck! Any questions, call N4ADI at (407) 644-5905.

LAKE COUNTY/CENTRAL FLORIDA

FCC exams are given on the third Saturday in the odd numbered months at 9:30 a.m. The location is the Lake Amateur Radio Association Club house just west of Tavares, Florida. Go two miles west of Tavares, Florida, on Highway 441 to C.R. 473. North one mile on C.R. 473 to the Haines Creek Baptist Church. The clubhouse and 180-foot tower are behind the church.

Walk-ins permitted. Bring original ham license and photocopy, certificates for prior exam credits, positive identification and $4.75 fee.

Talk-in on 147.255, K4FC repeater.

Contact Paul, K3NON at (904) 343-8729; or Millie, KQ4R at (904) 343-0075.

AUBURNDALE, AREA

W5YI exams are to be held on the third Saturday of each month starting at 9:00 a.m. They will be held in the First Presbyterian Church on 410 Pilaklakaha Avenue (PK Avenue), Auburndale, Florida — between Winter Haven and Lakeland on Highway 92. Turn off 92 on Ariana Avenue, go two stop signs, turn left on PK . . . second building on right.

Walk-in excepted/reservations appreciated. $4.95 fee. Tech through extra. Reservations for novice.

For information contact Bill Loop at (813) 967-5952.

WEST PASCO COUNTY

The Gulf Coast Amateur Radio Club is sponsoring ARRL/VEC exam sessions — novice through extra — on the first Tuesday of each month at 6:30 p.m. Location is the Adult Education Center, 1510 South Boulevard, New Port Richey.

Walk-ins accepted on a materials available basis. Pre-registration strongly advised.

Bring original and photocopy of current amateur radio license, positive identification, check for $4.95 payable to ARRL/VEC (no fee for novice exam) and original and photocopy of any CSCE. Form 610 will be furnished. Talk-in on 146.67 (Tx-600).

For information contact Fred, AA4FG at (813) 849-1224, or Ralph, W2GLW at (813) 842-8351.

The Suncoast Amateur Radio Club is sponsoring W5YI-VEC exam sessions on the fourth Tuesday of each month at 7:00 p.m. The exam location is the Pasco County Building, 530 Sunset Road, New Port Richey (just east of U.S. 19 one mile south of Pithlachascotee River Bridge).

Pre-registration deadline is the Saturday preceding the exam date, thereafter, walk-ins will be accepted on a materials availability basis. Talk-in on 145.350 (Tx-600).

Remember, effective January 1st, the fee is $4.95 for tech through extra exams.

For registration and/or information call Marv Borngraber, WC2G at (813) 938-7810.

PALM BEACH

Palm Beach Amateur Radio Council and Palm Beach Community College Amateur Radio Club are giving amateur radio license tests the third Saturday of each month at 9:00 a.m. at Palm Beach Community College, 4200 Congress Avenue, Lake Worth, Florida, Criminal Justice Room 101, for $4.75.

Walk-ins permitted as long as we have test materials available.

Next tests are June 17th; July 15th; August 19th; September 16th; October 14th and 15th at hamfest at South Florida Fair Grounds on State Road 80; November 18th; and December 16th.

For information call Graf Buckenmaier at (407) 582-7617.

PANAMA CITY, FLORIDA

January 13th, April 14th, July 14th and October 13th. 10:00 CST. 9:30 a.m. for all walk-ins.

Civil Defense Building, Main Conference Room, 644 Mulberry Avenue, Panama City, Florida.

No cash. Make checks payable to ARRL/VEC. No charge for novice. All other classes will be $4.75.

Charles Hickman, 2402 West 21st Street, Panama City, Florida 32404; telephone: (904) 785-0449.

DUNEDIN-TAMPA BAY AREA

W5YI coordinated amateur radio exams conducted by DARA V.E. testing team, the first Monday of every month. If the first Monday is a holiday test will be on the 2nd Monday.

Testing begins at 7:00 p.m. in the Foreign Language Bldg. No. 99, Dunedin High School, 1651 Pinehurst Rd., Dunedin.

Please bring original and photocopy of license, positive I.D. and $4.95 fee. Talk-in on 145.310 or 145.110 600—. For information call KI4MO (813) 531-1911 or W8RH (813) 535-2034. Mailing address: P.O. Box 1851, Dunedin, FL 34697.

TAMPA EVENING TESTING

W5YI-VEC exams will be held the last Thursday of each month at 7:00 p.m. (except November and December). Sessions will be replaced by one date in early December due to holidays. (Phone for exact date during November.)

Testing location is the second floor of the American Red Cross Building, 217 North Howard Avenue, Tampa.

Novice exams are free. All others $4.75 cash. Bring with you the original and a photocopy of your current license and original and photocopies of CSCE's, if any.

To resolve questions or obtain holiday season dates contact Scott, KA4FRO at (813) 685-2514.

WEST PALM COUNTY

The Palm Beach Amateur Radio Council, Inc., is giving amateur license tests on each third Saturday of each month (except October) at Palm Beach Community (Junior) College, 4200 Congress Avenue, Lake Worth, Criminal Justice Room 101 at 9:00 a.m.

The tests are given under the ARRL-VEC and currently cost $4.55. Walk-ins permitted as long as we have test materials available. Pre-registration strongly advised, except for code testing.

Next tests for 1989 will be September 17th, November 19th and December 17th. The October tests will be given on October 15th and 16th at 9:00 a.m. at South Florida Fair Grounds, PBRA Hamfest, 9067 Southern Boulevard (State Road 80), West Palm Beach, Florida.

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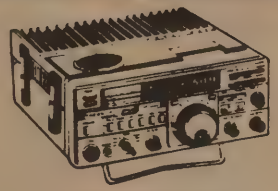

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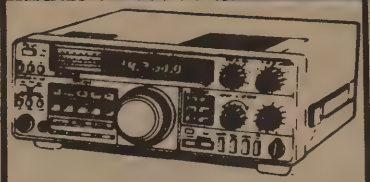

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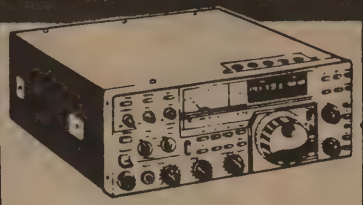

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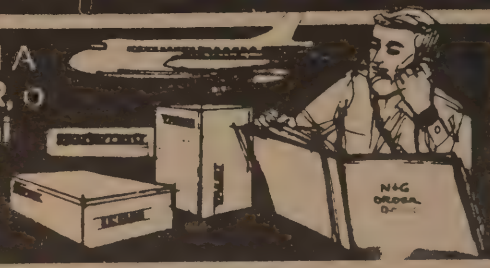

AZDEN

THE *New* PCS-6000

BOLDLY GOES WHERE NO OTHER TRANSCEIVER HAS GONE BEFORE!!

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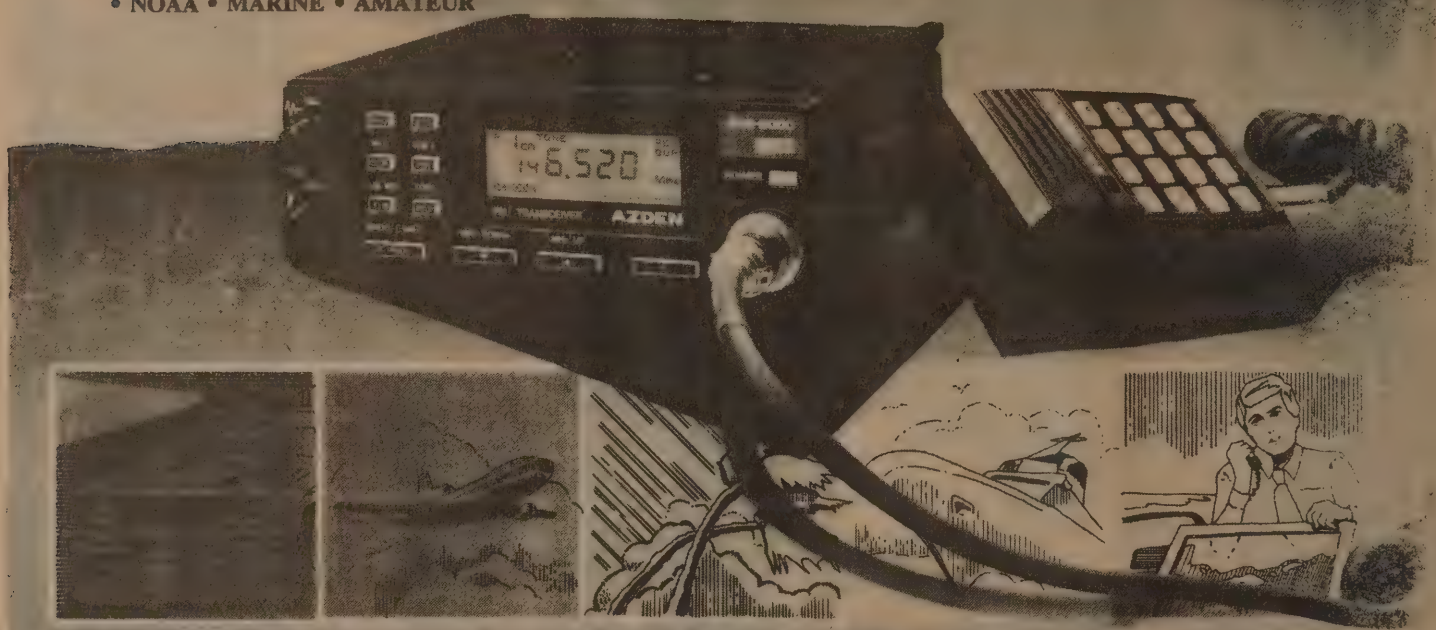

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MODELS: PCS-6000/PCS-6000H (25W/45W). *Also coming soon PCS-6200 220MHZ, PCS-6300 70CM and PC-10 10 Meter FM Handheld.* **CMOS AND ADVANCED SURFACE MOUNT TECHNOLOGY PROVIDE UNPRECEDENTED COMMERCIAL QUALITY AND RELIABILITY.**

UNPRECEDENTED WIDE REQUENCY COVERAGE: The PCS-6000 receives 118.00 to 135.995 MHZ AM Aircraft/136-173.995 MHZ FM and transmits 140.100 to 150.000 MHZ. Modifiable to ALL MARS and CAP frequencies (proof of authorization/license required)

TINY SIZE: Only 2 inches high, 5¼ inches wide and 7¼ inches deep!! Easily fits anywhere, even in the smallest car!

20 CHANNEL MEMORY IN TWO BANKS PLUS 1 TEMPORARY CHANNEL (TM): Two memory banks, A and B have 10 memory channels each. The memories store frequency, shift width, offset information, and PL tone frequency as programmed. *An extra memory channel (that we call TM-temporary memory) is provided to allow you to store any operating condition instantly again and again!!*

UP TO 21 NONSTANDARD SPLITS: Program any split in any channel.

VERSATILE SCANNING FUNCTIONS: Dual memory scan, programmable band scanning, hold scan and delay scan functions are provided, with selectable delay time. ALL memory channels are tunable independently.

PRIORITY CHANNEL MONITORING: Memory Channel B0(the first channel in memory bank B) is monitored every four seconds regardless of any operating condition. When a signal is received, a beep is heard.

DISCRIMINATOR CENTERING (AZDEN EXCLUSIVE PATENT): Always stops on frequency desired when scanning.

PROGRAMMABLE FREQUENCY STEPS: In memory, frequency steps can be set at 5KHZ to 20KHZ in any increment.

BUILT-IN PROGRAMMABLE TONE ENCODER: 57 different tones are built in for instant programming of PL tones into memory channels and microcomputer. Tone frequency can be entered independently in RX and TX. A tone decoder is available as an option.

LITHIUM BATTERY BACKUP: Memory information can be stored for up to 5 years even if power is removed.

FREQUENCY REVERSE: Allows you to listen to repeater input frequency.

FEATHER-TOUCH TUNING CONTROL KEYBOARD: The LED backlighted light touch keyboard performs all tuning operations simply by pushing the key(s) and key actuation is audibly verified.

LARGE LCD (LIQUID CRYSTAL DISPLAY): The LCD display shows the operating frequency, S/RF, memory channel in use and various other operating functions. The LCD is back-lighted by green LEDs, making it possible for you to read the display even in total darkness.

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DIGITAL S/RF METER: Shows incoming signal strength and relative transmitter power.

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TRUE FM, NOT PHASE MODULATION: Unsurpassed intelligibility and audio fidelity

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SUPERIOR RECEIVER: Sensitivity is better than 0.15 Microvolt for 20-DB quieting Commercial-Grade design assures optimum dynamic range and noise suppression

AUDIO OUTPUT: 2 Watts or more.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

OTHER FEATURES: Rugged dynamic touchtone DTMF microphone, built-in speaker mobile mounting bracket, remote speaker jack, and all cords, plugs, fuses and hardware are included.

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ICOM	REG.	SALE
IC-228A	$509	$362.90
IC-28H	$499	$373.90
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The ICOM MOBILE 2 METER rigs listed above have 21 memories, tone,scan, ttn mic, large lcd display, plus. IC-228A 25 WATTs, IC-28H 45 WATTs, IC-228H 45 WATTs

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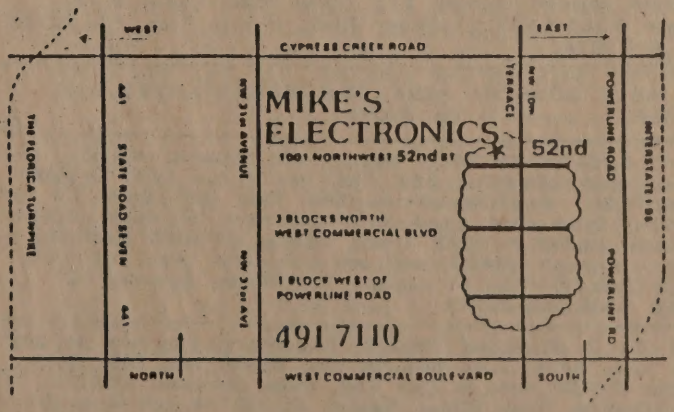

RATE CARD INFORMATION

HAMBAR service of electronic equipment only is available to all subscribers, amateurs and non-amateurs at the rate of 10 cents per word, which includes address, call sign, etc. Minimum charge for any HAMBAR is $3.00. All commercial and non-subscribers rate is 15 cents per word. Minimum charge of $5.00 for each HAMBAR. No reruns. Each HAMBAR must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain the full mailing address, call sign, zip and area-phone number, if any. Make it easy for person wanting to buy your equipment. No HAMBARS via telephone!

COMMERCIAL DISPLAY

Full-page $125.00. Half-page (1/2) $80.00. One-quarter (1/4) page $55.00. One-third (1/3) page $70.00. One-eighth (1/8) page $40.00. Camera ready. Lay-out, make-up and typeset fee is extra according to size of ad and typeset required for same.

Deadline for all HAMBARS and ads, eighth (8th) of each month in P.O. Box 501, Miami Springs, Florida 33266. Normal mailing date 25th of each month. Thank you for your cooperation.

—Editor.

WANTED: Antenna rotor HAM III, IV or similar. Contact Joe, NK4L, 3035 SW 36th St., Miami, FL 33165 305 551-1414.

FOR SALE: Take advantage of the European and other openings on 6 meters! ICOM 551D (100W) 6M transceiver with microphone and power supply $465. WB4MAI, Douglas McDuff, 10380 SW 112 St., Miami, FL 33176 (W) 305 284-0733 or (H) 305 253-2318.

DUPLEXER, Decibel Products DB-4048, tuned up for 2 m amateur band, 600 kHz. Frequency seperation. 6 cavaties, complete with retuneing instructions. $450. Plus shipping. G. Pohl, P. O. Box 391, Elfers, FL 34680 (No Phone avbl)

WANTED: Ten-;Tec HF transceivers (any model, any condition), CORSAIR II VFO 263G, ICOM 735, KF4S, Garry, 7901 Baymeadows Cir., E. Apt. 455 Jacksonville, FL 32712 904 737-7793. Please leave message, will return all calls.

LITTLE MARY TOLD HER MOTHER SHE PLANNED TO MARRY A 7–YEAR-OLD SCHOOLMATE...."FINE," SAID MOTHER. "DOES HE HAVE A JOB?"...."YES" SAID MARY. "HE ERASES THE BLACKBOARD IN SCHOOL!!".

SELL OR TRADE: Kenwood MC-60 microphone (up-down) preamp) like new $75. plus shipping. WANT Dielectric or Bird Wattmeter, Kenwood HC-10 clock, Kenwood VFO-520 Manual/photo copy, small 50 MHz beam. Marshall Goldblatt W4EMB, 11801 SW 70 Ave., Miami, FL 33156 305 - 666-6997.

FOR SALE: tower, 50 ft. crank-up, aluminum with Ham M $250. SR-400 transceiver $ 150. CX7A transceiver $250. 144 mHz converter R-144VD $35. New 144 MHz preamp AR $20. 430 MHz transverter Micro modules $75. KLM 16 El. 2 meter beam $25. Cushcraft Satellite ant system $65. H.B. 1000-A Linear amp HF $100.E/W spare tube. Strip line H.B. 1kW linear 144 MHz $150.Central Electronics 100V $50. 8 ft slant panel console /clock. and 2 loud speakers, formica covered $75. Many misc. items. R. P. Hiltner W3GHX,595 Lakefront Blvd., Winter Park, FL 32789 407 628-3074.

RELIABLE SOURCE: THE ONE WHO STARTED THE RUMER.. . . via W4ZGG.

MORE ESTATE STUFF: Heath 1kW cantenna HN-31 dummy load w/man/oil $23. Pick up or can UPS. Original VIBROPLEX "Bug" looks new $40. Sony 12" B&W TV or 12 VDC Solid state, good picture. Perfect for shack, boat or travel trailor etc $22. Heath station GC-1005 electronic clock - Kit sell $54.95, will sell $25. with man. All UPS. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: Kenwood TS520S, few hours, like new in box with man. $475. Also new in box MC-50 mic $45. Telex phones C-1230 new in box $60. Mike Murcano AA4GQ, 2834 DeSoto Blvd., Coral Gables, FL 33134 call 6 to 8 PM only 305 442-4868.

SOMETIMES HAVING THE LAST WORD IS THE FIRST TO A NEW PROBLEM. . .

THE LOWER YOU ARE ON THE COMPANY'S ORGANIZATIONAL CHART, THE MORE YOU'LL BE MISSED IF YOU DON'T SHOW UP FOR WORK . . . via W4ZGG. .

NOTE TRAFFIC MEN: A HISTORY OF QFN FROM IT'S INCEPTION TO 1985 is available from Doc, WA4HDH, 1362 Plumosa Dr., Ft. Myers, FL 33901. This history is written with back ground by Doc who has been NCS since 1974. $25.00 Post paid.

FOR SALE: Approximately 50 ft. Rohn 25G tower, including top section with rotor plate $125. Telrex TB4 tri-band bean $100. Telrex 20-15 duo band beam $100 Wilson 204 4 el. 20M monobander new in box $100.00 John Morris K5OTI, 16001 SW 83 Ave., Miami, FL 33157 305 477-4936 (W) or 233-5091 (H).

WANTED: December 1935 issue of QST. Call Collect KB2HN, Ray Karjalaien 407 588-3608, 705 South "C" St., Lake Worth, FL 33460

FOR SALE: GALENA DETECTOR. Homemade Precision, black plastic and polished brass $10! PPD. L. Gardner 458 Two Mile Creek Rd., Tonawanda, NY 14150 716 873-0447.

GIVE LESS THOUGHT TO WHAT PEOPLE ARE THINKING OF YOU AND YOU WILL HAVE MORE TIME TO THINK WELL OF THEM. . via W4ZGG.

WANTED: 220 MHz Midland or Clegg mobile 10 watt, transceivers, Crystal controlled. Write with asking price and condition. G. A. Pohl, P O Box 391, Elfers, FL 34680 (No phone available.)

WELL: ATLAS 180 covers 20/40/75/80/160 with manual $200. or will consider trade for programable VHF 153-159 mobile radio. Two meter expanded type is OK. Randy Grimes, P O Box 546, Randle, Washington 98377 206 - 497-7233.

FOR SALE: Dentron Clipperton V 500 watt 2 meter amp. $250. Mirage B1016 150 watt 2 meter amplifier $200. ICOM f Triplets IC502, IC202S and IC402 2, 6, and 3/4 meter SSB/CW portable transceivers. Ideal for Feild Day or satellite operation $400. With matching amplifers $500. NCG-15SB 15 meter mobile transceiver $100. Randy Terrell K9-BCT/4 305 475-5788, Plantation, FL 33323 12021 NW 27th Ct.

TOWER WORK FOR HIRE. safe experienced tower climber. Like to erect or dismantle a tower? Need to change rusty tower hardware, coax, rotor, or guy cables? Want to replace rotor or antenna? I own a full set of tower toolks: safety belt, gin pc , winch ropes, etc. Fellow ham for nine yrs. Reasonable fee. Prefer Broward, Dade and Palm Beach Cou - ties. Call Mark Lavalle N4XGZ, 1900 North 39th Ave. Holly wood, Fl 33021 305 961-2642.

FOR SALE: YAESU FT227R memorizer 2 meter gransceiver 10W/1W with manual $140. AEA PK232 with compakratt and comfax; C-64 heavy duty PS 1541 drove and comex 13 inch color monitor all manuals and cables, like new. Package deal $550. Ed Cushing W4GW, 502 Gatewood Dr., Greenwood, SC 29646. 803-229-1133.

WEALTH IS ALWAYS A RELATIVE MATTER. THE MORE WEALTH YOU HAVE, THE MORE RELATIVES YOU HEAR FROM. . . W4Zgg..

QSL'S TOP QUALITY, BEST PRICES. $1.00 refundable brings brochure and samples. Don Ellis, K8LQQ, 84C Chapel DR., Zephyrhills, FL 33544 813-973-1238.

SELL: COLLINS KWS1 $400. KW antenna tuner, excellent $90. McElroy Wheatsone Perforator $90. Small size prop-ptich motor, with small syncro attached $150. Hi-Gain TH3MK3 Thunderbird ant. $100. Commodor-64 2 disc units. Amber monitor, printer, make bid on entire Commodor equipment. L. Jezorek W4LC, 20 Celestial Way, 205, Juno Beach, FL 407 626-1126 after 4 PM.

WANT TO BUY: Portable record player for 33 RPM - 45 RPM and 78 RPM - 12 inch records. Must be in good condition. Will pay cash & bonus or will trade a Hallicrafters antique receiver in mint condition and working on all bands. All replys ansered first letter. Have 8 receivers on hand. John Marshall, 3430 NW 2nd Terr. Miami, FL 33125.

FOR SALE: YAESU FT-901 DM top line AC DC transceiver, checked and optimized by I.R.C., with new 6146's, with manual and new YE-7A mic and cables $675. Also Hallicrafters S-40A, $45. All plus UPS. Stan Bittner W4JKK 10821 SW 67th Ct., Miami, FL 33156 305 667-2417.

SELL: TEN-TEC OMNI D, factory modified with WARC bands, plus Ten-Tec 243 remote VFO. plus Ten-Tec 234 speech processor excellent condition all for $575. Hy-Gain TH6DXX Yagi $195. KLM 40M Linear loaded rotary dipole No. 7.2-1 $95. Swan 250 6 meter transceiver modified and excellent condition complete with power supply $175. Jack Matthews W4OWJ, 4341 SW Bimini Cir., N. Palm City, FL. 34990 407 288-4536.

ESTATE SALES:: Kenwood TS-820S with manual, every clean $485. Kenwood TS530S with Man. $425. Atlas - 210X in console (no man.) $250. Yeasu speaker $28.00 SONY solid state B&W 12" TV, good picutre all chnls $22. Heathkit HW-2036 2 meter transceiver with manual needs mike $65.. Drake W-4 (200-2000-0-2000-200) watts. like new $48. Heathkit SB610 monitor scope with manual $45. Kenwood 7400 2 mtr transceiver with mike $150. SHIBADEN 18 inch B&W TV and MONITOR. Can switch from TV, VTR and AUX from front panel $45. no ship. All others plus UPS. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

WANTED TO BUY: Unique wire tuner, best price in your first letter. Buy your unused vacuum tubes. Transmitting special purpose and receiving. Milt Levy W5QJT, 7600 Blanco Rd., No. 608, San Antiono, TX 78216 512 341-9549.

WILL TRADE: Commodore c64, 1541 disc drive, AEA CP-1 computer patch, twelve inch monitor, all A-1 condx. WANT: TS830 or TS530S. Will pay difference in cash. Harry W. Duncan W0EFR, 7088 Easy St., Ocala, FL 32-672 904 624-1732.

TOWER WORK FOR HIRE: Safe experienced tower climber. Like to erect or dismantle a tower ?? Need to change rusty tower hardware, coax, rotor or guy cables? Want to replace rotor or antenna? I own a full set of tower tools-safty belt, gin pole, winch, ropes, etc. Fellow ham for nine years. Reasonable fee. Prefer Broward, Dade and Palm Beach counties. Call Mark Lavallee ARS N4XGZ, 1900 N. 39th ave., Hollywood, FL 33021 305 961-2642.

FOR SALE: Two antenna tuners. Nye Viking 3000 watts with three coax connections and one balanced feedline. ICOM AT-500 automatic tuning with ICOM equipment - manual for others. $350. each. Will ship UPS. WB4GTY, Jim Rozzelle, 1320 Eleanor Dr., Tallahassee, FL 32301 904 - 877-6682.

THERE IS NO PLEASURE IN HAVING NOTHING TO DO. THE FUN IS HAVING LOTS TO DO AND NOT DOING ANY OF IT. . . (OOoops - used this one..)

FOR SALE: Azden PCS 2800 10 meter FM transceiver with manual. Fine condition $150. Armaud Gilone KJ4JQ, 1329 Kenlake Ave., Spring Hill, FL 34606 904 686-2525.

COLLINS MANUALS: Have following Collins left: 2 51N4 $10. eac. 3 51N2 - $10. eac. 1 51M8 $10., 1 75S1 (copy) $15. 1 Fundamentals of SSB (300 pages) with KWM diagrams $40., 1 Amateur Radio Equipment (1971) $8. 1 136 B Noise blanker $10. 3 - 62S1 VHF converter $15 each, 1 709E freq. shift Osc. $10. 351D1 Mobile mount $5 and 1 KWM2/KWM2A $15. Have about 40 HeathKit manuals - what do you need?? Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

NEED TUBES?? Have huge inventory, including 3-500Z 572B's etc. Call or FAX for price quotes. Also buy tubes. D & C Electronics, Dick Gross, N1BGL, 3089 Deltona Blvd., Springs Hill, FL 34606 904 688-2374 FAX 904 683-9595.

OF ALL THE THINGS YOU WEAR, YOUR EXPRESSIONS IS MOST IMPORTANT. . . . W4ZGG. . .

TEN-TEC, NEW BOXED LATEST 1990 production models USA made, 562 OMNI V, 585 Paragon transceivers, Titan 425 1.5 KW and 420 Hercules 1KW linear amplifiers, 238 3KW 254 200W antenna tuners, 239, 300W and 240. 1.5 KW dry dummy loads, 2510B Satellite station, mobile HF antennas, Keyers, filters and accessaries. VISA/MC or check, for best deal, write/phone BILL SLEP, 704-524-7519, SLEP ELECTRONICS CO. Highway 441, Otto, NC 28763.

ESTATE SALE: Mint Drake equipment with manuals, cartons and connecting cables. TR7/DR7 W/aux7 and 3 filters $600. PS7 power supply $170. RV7 remote VFO 95.00 MN2000 antenna tuner $185. SP70 speech processor $90. Service manual for TR7 $20. B&W 1KW low pass filter $25 Alpha Delta Master Controller w/lightening arrester $75.00 FD1A, Autek audio filter $45. Gold Vibroplex bug $40. Heathkit fone patch $25. All prices plus shipping. Phone Walter Camuso 407 231-0745 after 1 PM or write 615 Greytwig Rd., Vero Beach, FL 32963 Make an offer for the entire package - you may be pleasantly surprised! ! !

ATTN TRAFFIC MEN: A HISTORY OF QFN FROM ITS INCEPTION TO 1985 is now avaible from Doc WA4HDH, 1362 Plumosa Dr., Fort Myers, FL 33901. The history is written with back ground by Doc who has been a NCS since 1964..

TOWER FOR SALE: 60 ft. tri-angle type, simlar to the ROHN 25G with 10 ft mast. (total 70 feet) 6 - 1/2 inch turn buckels, 400 feet - EHS 3/16" guying cable. Its dowr ready to haull. Take all for $295. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

BUREAUCRAT: A GUY WHO CAN SAY ABSOUTELY NOTHING AND MEAN IT. . . via W4ZGG.

SELL: Heath SB-303 solid state receiver with CW and AM crystal filters, SB401 transmitter 100 watt, SB600 speaker, D HDP121 desk microphone, interconnecting cables, manuals $150. Complete plus UPS. Rod Miller WA2GXM, 965 Rever Ct., Rockledge, FL 32955 407 636-7977.

USED TECHNICAL BOOKS: Radio Electronics, match, Military, magazines, handbooks, catalogs, ETC. Large list: $1.00 (Stamps ok) J. Holstein N8EA, Dept. FS, 1515 Sashabaw Ortonville, MI 48462.

WANTED: DRAKE TR-4 AC power supply. Also the following offered for sale: Collins 30L1 with new caps, rectifier stack and 811a tubes, ince one. Kenwood TS430S and power supply (never been in a pile-up!) 2 each 8875 tubes (Pulls, but good.) Heathkit SB-201 amp. Good lil machine. 3-500Z's, 3-400Z's and 572B's in pairs. Also one hole Henry and L4B. C.L. Hammon N4LUC, 8340 SW 30 St., Miami, FL 33155 305 554-8645.

MORE ESTATE SALE: Yaesu Lanliner phone patch with manual, like new $75. Heath Model HO-10 monitor scope with manual $72. PIC-750 5-position coaxial swith with mount bracket $13. Knight P-2 SWR/pwr meter with man. $12. Knight mod. C-557 compressor w/man. $12. ICOM IC3PA 12VDC regulated power supply, like new with spkr built in $39. Omega extended range ant. noise bridge mod. TE7-02, 115 VAC $30. no man. Drake DL-300 dummy load 1:1:1 max - 0-30 MHz 1. 5:1 max 30-160 MHz $50. Heathkit 100 kc xtal calibrator HO-20 portable $12. all above plus UPS Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

ENJOY THE LITTLE THINGS. ONE DAY YOU MAY LOOK BACK AND REALIZE THAT THEY WERE THE BIG THINGS. . . via W4ZGG

From front page.

access to radio equipment and surplus. We don't have to pay for many amateur radio materials. We receive much, including towers, antennas, rotors, test equipment, etc. Everyone in sports is supported with money because if one were to organize an expedition, for example, to the Northern Caucasus with W4ASX, we will receive money from the local government. Do you understand?

Florida Skip: What connection does licensing have with the Communisty Party?

UA6LA: We never connect with the Communist Party because it's ham radio without the political. We have all amateurs who would like to know what does it mean to communicate. But what is it that you ask?

Florida Skip: What I meant by that question is if you're not a member of the Communist Party — perhaps like here — you might not be a Republican or a Democrat — do you get a license?

UA6LA: Please excuse me, Bob, it's rumor because I'm not a member of the Communist Party. But I am a Master of Sport. And I've never been limited by not being a member of the Communist Party.

Florida Skip: What is Master of Sport, Victor?

UA6LA: Master of Sport I received in a competiton between the many radio amateurs on C.W. and SSB.

Florida Skip: Isn't radio sport in the USSR on a par with Olympic sport?

UA6LA: Yes, maybe in the near future radio sport will be included, like boxing is in the Olympics.

Florida Skip: Can the Soviet people speak their minds freely?

UA6LA: We discuss the many opinions now with no problem. Believe me, now you ask me like the many American correspondents ask the Russian people who lived during the Stalin regime. Believe me that is a very, very oldest opinion about the Russion people.

Florida Skip: Can you say your political opinions over ham radio?

UA6LA: I will be discussing it with you on the air personally.

Florida Skip: Any messages you'd like to leave with your American friends?

UA6LA: Best wishes. I support all warm relations between our countries. In USSR I can QSO with W4ASX but not possible to get telephone yet for 17 years or car for five years. If you describe situation in print, I might have a chance to receive them after the good information from your side.

FLORIDA HAM-A-RALLY

By Edna Wilkinson, N3ETH

I am hosting the 14th Annual Florida Ham-a-Rally which is being held at Christmas, Florida, on February 7th through 10th. This rally is in conjunction with the R.V. Service Nets which have around 900 members. We are expecting at least 100 of these members to attend the "Christmas in February" rally.

At registration we pass out "welcome bags" that contain literature on things to see and do in the area and promotional items that have been donated. If you care to make a contribution to the welcome bag or make a donation for door prizes, it would be greatly appreciated.

These may be sent to: Florida Ham-a-Rally, c/o Werner Gleitor, WA3YEX, 1345 Democracy Avenue, Melbourne, Florida 32904.

Our nets meet:

Eastern and Central United States and Canada: 0700-0900E, daily, 7.233 MHz.

Northeast United States: 0730-0900E, Sunday, 3.963 MHz.

Central United States: 1700-1730C, Monday through Friday, 3.895 MHz.

Rocky Mountain: 0800-0930M, Monday through Friday, 7.263 MHz.

Pacific Coast: 0900-1100P, Monday through Friday, 7.263 MHz.

United States, Canada and Mexico: 1200-1300E, Monday through Friday, 14.308 MHz; 1700-1800E, Monday through Friday.

NOTICE NOTICE

DUE TO A LACK OF SPACE, WE ARE HOLDING FOR NEXT MONTH SEVERAL EXCELLENT ARTICLES. OUR SINCERE THANKS FOR YOUR CONTINUED COOPERATION. WE HOPE TO GET EVERYTHING IN VERY SOON.

RACAL-MILGO AMATEUR RADIO CLUB MEMBERS VOLUNTEER TIME and RADIO COMMUNICATION FOR THE FIFTH ANNUAL JINGLE BELL JOG

By Diane Joerger, KC4BAR

On Saturday, December 9th, at eight, members of the Racal-Milgo Amateur Radio Club (RMARC) in Sunrise, Florida, volunteered their time and radio communication support for the Fifth Annual Jingle Bell Jog Race held to benefit the Cardiac Rehabilitation Center of the Broward General Medical Center, Ft. Lauderdale, Florida.

The five-kilometer race began at 8:00 a.m. in rainy weather at the Racal-Milgo facility. Approximately 1,200 people participated in the race: children, running as fast as their feet could go; parents pushing babies in jogging strollers; wheelchair-bound volunteers speeding in their race chairs; people rolling along on roller skates; and others not quite up to the run, walking the course.

In the spirit of Christmas and the theme, Jingle Bell Jog, some runners donned red Santa Claus caps, others wore soft sculpture reindeer antlers, and many jingled as they jogged with the sound of jingle bells tied to their running shoes.

As they have in the past four annual races, RMARC volunteers were stationed at the start line, mile markers, nurses station and finish line.

Using two-meter handie-talkies, they set up a communication network. Each RMARC volunteer reported on the runners as they jogged, skated, wheelchaired and walked past them around the race course.

Manning their posts were RMARC volunteers: Peter Brackett, AB4BC; Joe Lowey, KB4FO; Rich Joerger, WB4EHG; Rich Erlichman, ND4G; Carl Couric, KB4RLS; Diane Joerger, KC4BAR; Bob Nelson, N4NOF; and Bill Manley, KB4XE.

"The reason we (RMARC members) are here is to report any injuries to the medical team," said Peter Brackett, AB4BC.

During the race, one runner collapsed from exhaustion as he approached the finish line. Thanks to the ham operators' radio communication network, the medical team was alerted and the runner received medical attention.

F.C.C. WRITES 18 HAMS INVOLVED IN 14.313 M.H.Z. NET CONTROVERSY

In an unusual move, the Federal Communications Commission has written 18 hams who are involved in a net dispute. The leadership of the Maritime Mobile Service Net, the Intercontinental Net and the Better Amateur Radio Information Net received letters asking for their views on solving the fracas.

BARIN was formed earlier this year in protest of so-called lax policies against commercialism and illegal phone patches. For several months, a battle for use of the 14.313 MHz net frequency resulted in jamming and charges being traded among the groups.

In September, the Martime Mobile Service Net and the Intercontinental Net moved to 14.300 MHz leaving BARIN on 14.313 MHz.

The tone of the letter/questionnaire leads some to believe that new restrictive rules regarding phone patches may be in the offing. None of the 18 hams are cited for violations but they are asked to return the questionnaire to FCC.

— From Balanced Modulator: N4UF Editor

LOOK AGAIN

Look at the top line of your mailing label. This is your ONLY REMINDER WHEN YOUR SUBSCRIPTION RUNS OUT! You can renew ANYTIME before experation date and our computer will automatically "ADD ON" from that date. It is just like putting money in the bank. We take renewals for one, two or three years, if you so desire.

So it's up to you to watch that top line. If you miss, the computer will automatically skip over your address when printing mailing labels.

Thanks for your cooperation in this important matter.

— 73, Editor